

On page 1, lines 13-15, delete "With the foregoing in view, it is an object of the present invention to provide an image processing unit and image processing method which can generate superb images using a relatively small capacity texture buffer."

On page 1, line 16, change "DISCLOSURE OF THE INVENTION" to -
SUMMARY OF THE INVENTION--.

On page 1, on the next line after "DISCLOSURE OF THE INVENTION" on line 16, but before "An image processing unit..." on line 17, insert the new paragraph -To overcome the problems discussed above, preferred embodiments of the present invention provide an apparatus and method for generating excellent images while using a relative small capacity texture buffer."

On page 1, line 17, change "unit" to -apparatus--.

On page 1, line 17, change "comprises" to -includes--.

On page 2, line 6, change "unit" to -apparatus--.

On page 2, line 8, change "comprises" to -includes--.

On page 2, line 13, change "unit" to -apparatus--.

On page 2, line 14, change "comprises" to -includes--.

On page 2, line 17, change "unit" to -apparatus--.

On page 2, line 18, change "comprises" to -includes--.

On page 2, line 20, change "unit" to -apparatus--.

On page 2, line 21, change "comprises" to -includes--.

On page 3, line 1, change "comprises" to -includes--.

On page 3, line 4, change "comprises" to -includes--.

On page 3, line 11, change "comprises" to --includes--.

On page 3, on the next line after "...when the texture data is updated." on line 12, but before "BRIEF DESCRIPTION OF THE DRAWINGS" on line 13, insert the new paragraph] --Other features, elements and advantages of the present invention will be

A4 described in detail below with reference to preferred embodiments of the present invention and the attached drawings.--

On page 3, line 13, change "BRIEF DESCRIPTION OF THE DRAWINGS" to --BRIEF DESCRIPTION OF THE ATTACHED DRAWINGS--.

On page 3, on the next line after "BRIEF DESCRIPTION OF THE DRAWINGS" on line 13, but before "Fig. 1 is a functional block diagram..." on line 14, insert the new paragraph] --The present invention will become more fully understood from the detailed

A5 description given herein below and the accompanying drawings which are given by way of illustration only, and thus do not limit the present invention and wherein:--

On page 3, line 14, change "of an image processing unit in accordance with the embodiment 1" to] --including an image processing apparatus according to a preferred
A6 / embodiment--.

On page 3, line 17, change "unit in accordance with the embodiment 1" to --
A7 apparatus according to a preferred embodiment--.

On page 3, line 18, change "geometry processor" to --fill processor--.

On page 3, line 19, change "unit in accordance with the embodiment 1" to --
A8 apparatus according to a preferred embodiment--.

✓ On page 3, line 21, change "unit in accordance with the embodiment 1" to -
A9 apparatus according to a preferred embodiment--.

✓ On page 3, line 23, change "unit in accordance with the embodiment 1" to -
A10 apparatus according to a preferred embodiment--.

✓ On page 4, lines 1-2, change "of the image processing unit in accordance with
the embodiment 1" to -including an image processing apparatus according to a
B11 preferred embodiment--.

✓ On page 4, lines 3-4, change "an internal block diagram of the image processing
unit in accordance with the embodiment 1" to -a block diagram illustrating texture data
B12 processing in the image processing unit in a preferred embodiment--.

✓ On page 4, lines 5-6, change "Fig. 8 is an explanatory diagram on the data read,
decompressing and write timing in the image processing unit in accordance with the
embodiment 1 of the present invention." to -Fig. 8 is a diagram for explaining the timing
B13 between data read and decompression/write in the image processing unit according to a
preferred embodiment of the present invention.--.

✓ On page 4, line 7, change "BEST MODE FOR CARRYING OUT THE
INVENTION" to -DESCRIPTION OF PREFERRED EMBODIMENTS OF THE
B14 PRESENT INVENTION--.

On page 4, line 8, delete "Embodiment 1".

On page 4, line 9, change "Equipment" to -Apparatus--.

On page 4, line 9, change "an embodiment 1" to -a preferred embodiment--.

On page 4, line 10, change "The embodiment 1" to -A preferred embodiment--.

A15 On page 4, lines 12-13, change "of an image processing unit in accordance with the embodiment 1" to -including an image processing apparatus according to a preferred embodiment--.

On page 5, line 13, change "processing" to -process--.

On page 5, line 21, change "on one screen" to -to be displayed on a screen--.

On page 6, line 1, change "CPU1" to -CPU 1--.

On page 6, line 3, change "CPU1" to -CPU 1--.

On page 6, line 8, change "unit in accordance with the embodiment 1" to -

A16 apparatus according to a preferred embodiment--.

On page 6, line 9, change "function" to -functional--.

On page 6, line 11, change "Fig. 1" to -Fig. 2--.

On page 7, line 5, change "geometry processor 2" to -fill processor 3--.

On page 7, line 16, change "comprises" to -includes--.

On page 8, line 12, change "46 is a TLMMI calculator (TLMMI: Tri-Linear Mip Map Interpolation)" to -46 is a TLMMI (Tri-Linear Mip Map Interpolation) calculator--.

A17 On page 9, lines 5 and 7, change "pallet" to -palette--.

A18 On page 10, line 12, change "of the equipment" to -including the image processing apparatus--.

On page 10, line 13, change "CPU1" to -CPU 1--.

On page 10, line 14, change "CPU1" to -CPU 1--.

On page 10, line 20, change "4 of the embodiment 1" to -101 of preferred embodiments--.

On page 10, line 21, change "buffer memory 3" to -buffer memory 103--.

On page 10, line 24, change "a block diagram of the image processing unit 101.

Fig. 7 corresponds to the flow of processing." to --a block diagram illustrating texture

data processing in the image processing unit 101.--.

On page 11, line 2, change "process of the embodiment 1" to -image generating

process of a preferred embodiment--.

On page 11, line 14, change "CPU1" to -CPU 1--.

On page 11, line 16, after "FIFO" add -120--.

On page 11, line 18, after "FIFO" add -120--.

On page 11, line 20, after "FIFO" add -120--.

On page 12, line 13, change "processing" to -of the data--.

On page 12, line 16, change "the embodiment 1" to -preferred embodiments--.

On page 13, line 2, change "processing" to -process--.

On page 13, line 4, change "decompressing" to -decompression--.

On page 13, line 16, after "FIFO" add -120--.

On page 13, line 18, change "CPU1" to -CPU 1--.

On page 13, line 18, change "regardless the data" to -regardless of the data--.

On page 13, line 19, change "CPU1" to -CPU 1--.

On page 13, line 22, before "decompresses the data", insert -the data

compression circuit 121--.

On page 14, line 5, change "CPU1" to -CPU 1--.

On page 14, line 6, after "buffer memory 103", insert --or the external storage

device 102--.

On page 14, line 7, change "CPU1" to --CPU 1--.

On page 14, line 8, change "CPU1" to --CPU 1--.

On page 14, line 10, change "decompressing processings" to --decompression--.

On page 15, line 5, delete "processing".

On page 15, line 6, change "MIPMAP" to --MIP MAP--.

On page 15, line 8, delete "processing".

On page 15, lines 10-11, change "frequency used" to --frequently used--.

On page 15, line 12, change "the embodiment 1" to --preferred embodiments--.

On page 15, line 22, change "unit" to --apparatus--.

On page 16, line 1, delete "INDUSTRIAL APPLICABILITY".

On page 16, on the next line after "Therefore a timing adjustment in data exchange is unnecessary." on line 10, insert the new paragraph --While the invention

has been particularly shown and described with reference to preferred embodiments thereof, it will be understood by those skilled in the art that the foregoing and other changes in form and details may be made therein without departing from the spirit and scope of the invention.--

On page 19, line 1, change "ABSTRACT" to --ABSTRACT OF THE DISCLOSURE--.

On page 19, delete lines 2-6, and insert the new paragraph --The present invention includes a processor, a storage device having compressed texture data, a